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15 April 1960

**MEMORANDUM FOR: Chief, Technical Services Division**

**SUBJECT : Request for Increase in Scope with Additional Funds  
under Task RR of Contract RD-26 with [redacted]**

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**1. Description of the Project**

This project is for the research and development of a reduced-size incinerator for the destruction of paper files and documents.

**2. Purpose of the Project**

It has been requested that a reduced-size incinerator be developed along the same lines as the original (Model 1) air-fed incinerator. The original request specified that this reduced-size incinerator should not have an outside diameter in excess of 24-inches and should not exceed 64-inches in height.

The effort, to date, on this program has been research designed toward scaling down the original size incinerator. This research has progressed to the stage where the reduced-size experimental unit functions satisfactorily at burning rates of from 80 to 130 pounds per hour. In addition to this, it has been found that a suitable motor-blower assembly can be incorporated within the outer shell of the unit, immediately below the combustion chamber still maintaining the original specifications.

In order to complete the development of this reduced-size incinerator several other steps must be accomplished. These steps are as follows:

- A. The incorporation of the motor-blower assembly into the shell of the incinerator.
- B. Development of a suitable set of air-flow controls and/or indicators.
- C. The provision of an access or inspection door for the blower compartment.
- D. Design of an interlock system between the air throttle and the charging door to insure that the air would be turned off before the charging door was opened.
- E. Attempt to reduce the operating noise level of the motor-blower assembly.
- F. Provide a means for reducing the heat radiation of the lower part of the stack.

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3. Recommended Contractor

The recommended contractor for this project is [redacted] who is currently conducting the development of this reduced-size air-fed incinerator at their laboratories.

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4. Total Cost

The cost of this proposed additional effort is estimated to be \$5,268.00, including a fixed fee of \$298.00, for a three month period. Charges are to be made against Allotment Number 0525-1009-4901.

5. Support Requirements

There is no support required from other Government agencies.

6. Security Information

Contract RD-26 is an Agency sterile contract. Task RR is also Agency sterile. The item per se is unclassified. Agency interest in all work and material under the task is classified Secret and may be divulged only on a need-to-know basis to appropriate security approved personnel.

7. Project Engineer

The project engineer for this program is [redacted] Room 210, West Outbuilding, extension [redacted]

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Chief

TSD/Engineering Branch

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